



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

MITSUAKI AMEMIYA

Application No.: 09/487,718

Filed: January 19, 2000

For: APPARATUS AND PROCESS FOR
PRODUCING CRYSTAL ARTICLE,
AND THERMOCOUPLE USED
THEREIN

) Examiner: Robert M. Kunemund

) Group Art Unit: 1765

) July 15, 2005

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. Copies of the listed documents are also enclosed.

CONCLUSION

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Applicants' undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our address given below.

Respectfully submitted,



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U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

JUL 18 2005

APPLICANT MITSUAKI AMEMIYA

FILING DATE January 19, 2000

GROUP

1765

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	3,554,816	1/12/71	MOEN	136	233	8/23/67
	4,118,986	10/10/78	WERNER, ET AL.	G01K	13/02	6/8/77
	4,878,375	11/7/89	ROGGEN	G01N	7/10	5/1/89
	4,945,774	8/7/90	BEARD, ET AL.	G01N	1/28	12/13/88
	5,037,621	8/6/91	KENNEDY, ET AL.	C30B	11/02	11/9/89
	5,162,072	11/10/92	AZAD	C30B	15/00	12/11/90

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
	EP0338411 A2	10/25/89	EUROPE	C30B	11/00	YES
	EP0889148 A1	1/7/99	EUROPE	C30B	11/00	YES
	EP0463229 A1	1/2/92	EUROPE	B22D	27/94	NO

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	European Search Report for Application No. 03023443.9-2119
	Article published in <i>Journal of Crystal Growth</i> in October 1991, by Caram et al., entitled Directional Solidification of Pb-Sn Eutectic With Vibration, pgs. 249-254.
	Article published in <i>Journal of Crystal Growth</i> in 1991, by Wang, et al., entitled Crystal growth of Cr ³⁺ :LiCaA ₁ F ₆ by Bridgman technique, pgs. 176-179.

EXAMINER

DATE CONSIDERED